

FIG. 1

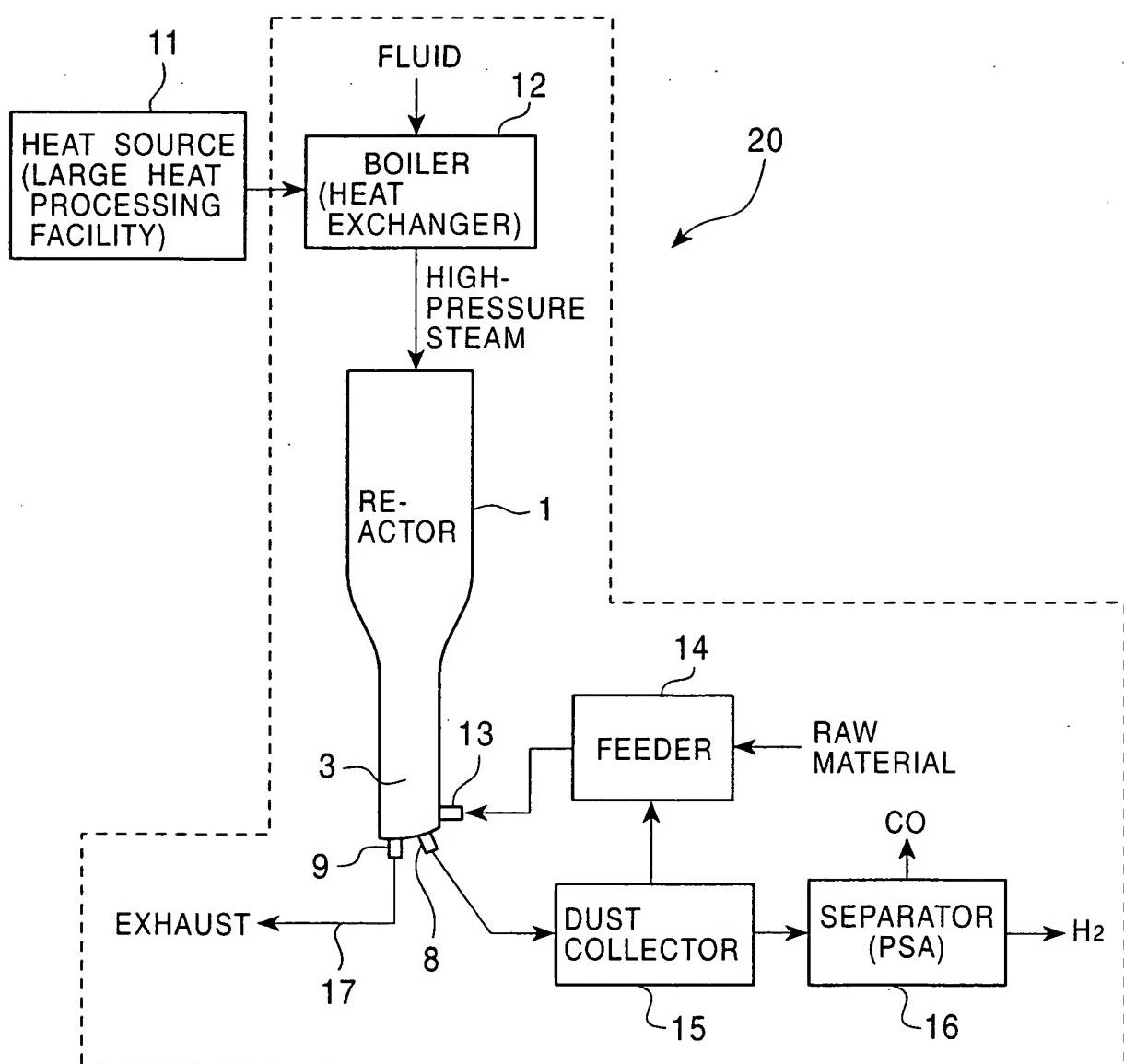


FIG. 2

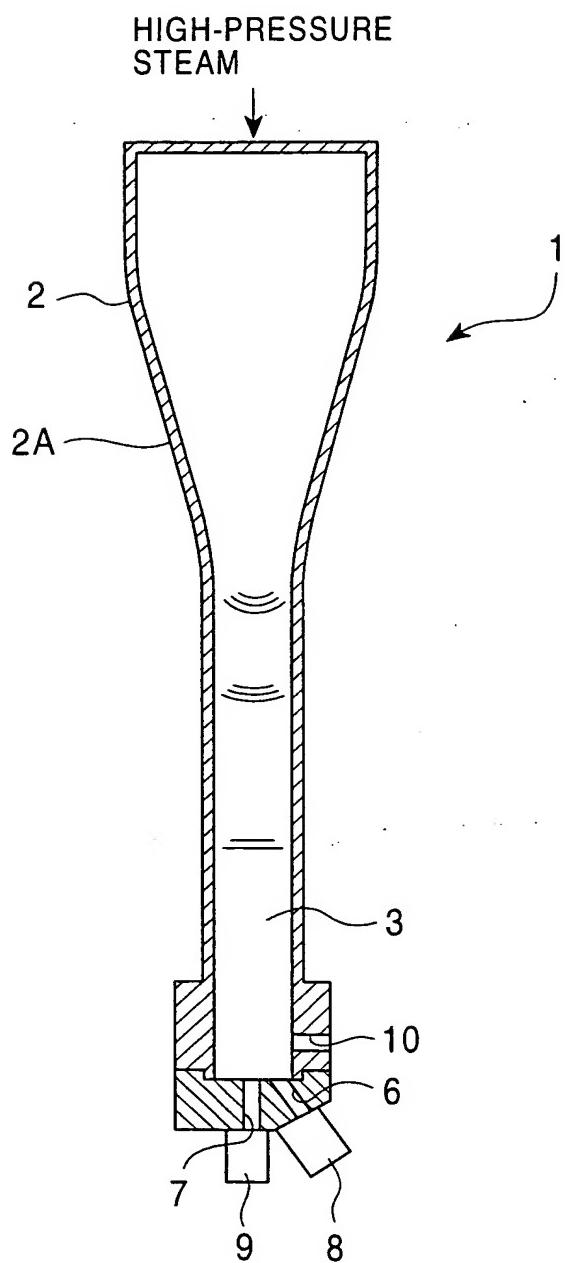


FIG. 3

- (1) SUPPLY RAW MATERIAL
- (2) OPEN SWITCHING VALVE
GENERATE SHOCK WAVE
- (3) DISCHARGE HYDROGEN-
CONTAINING GAS
- (4) DISCHARGE STEAM

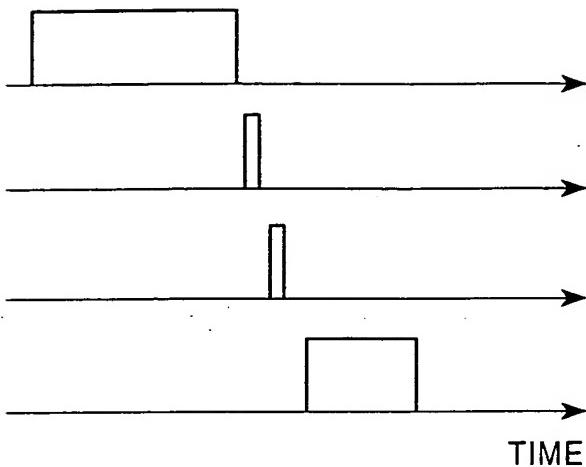


FIG. 4

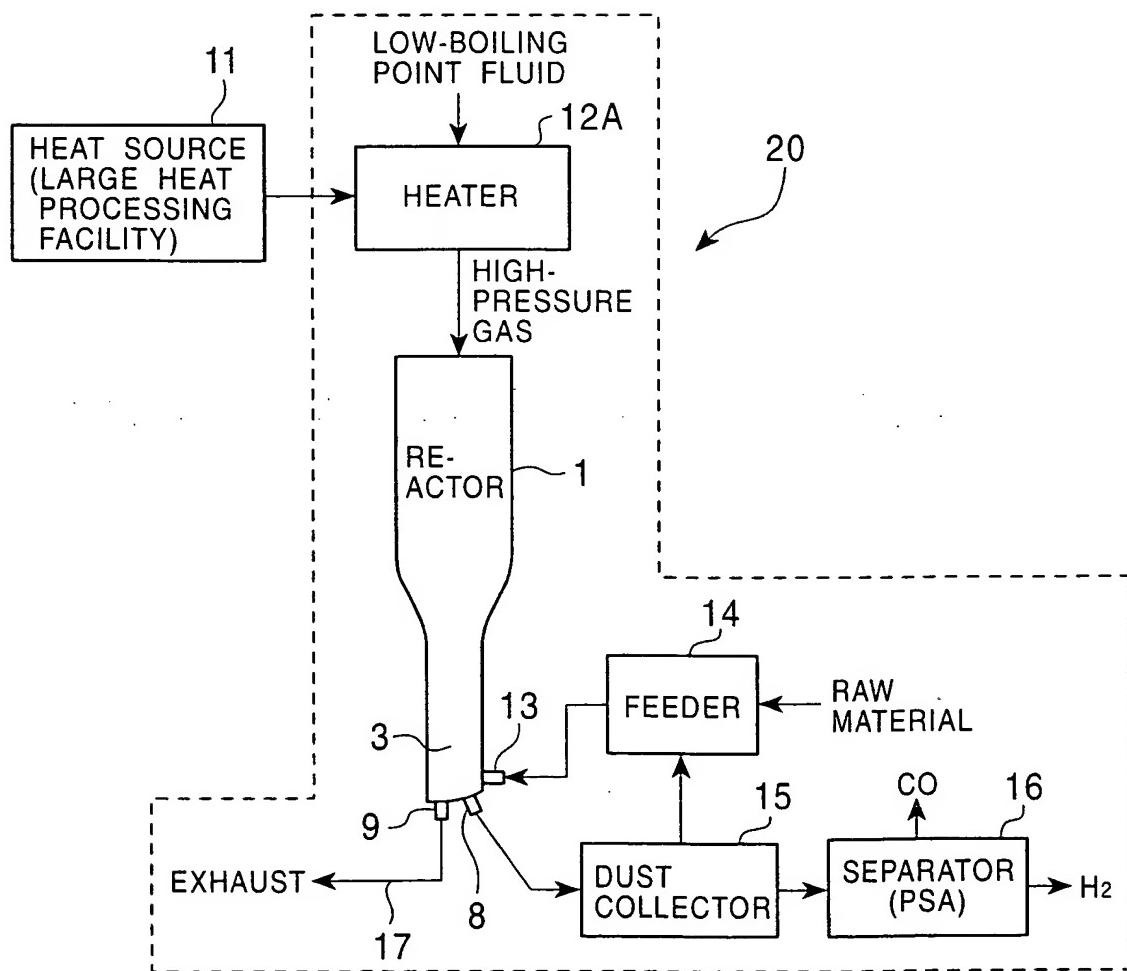


FIG. 5

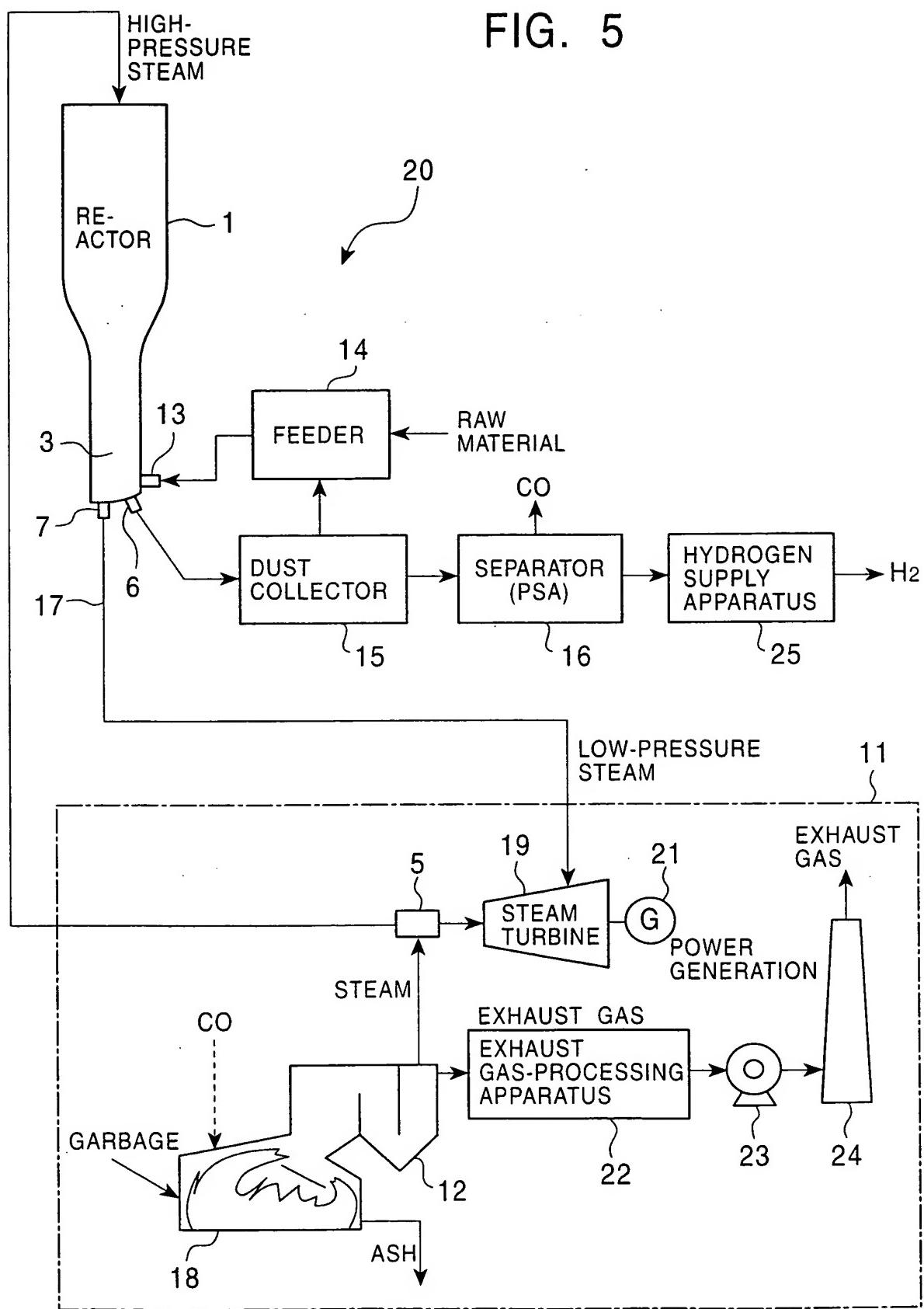


FIG. 6

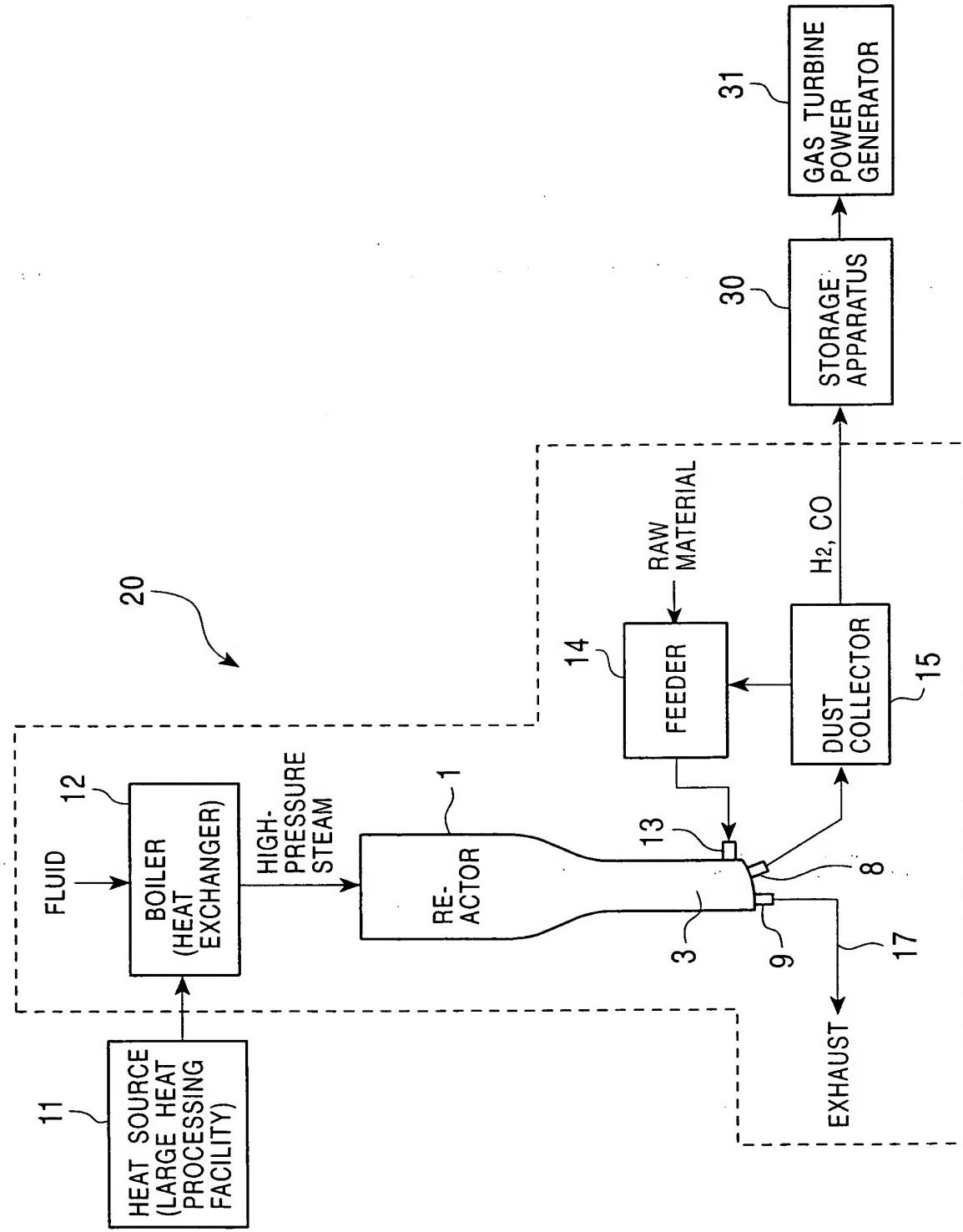
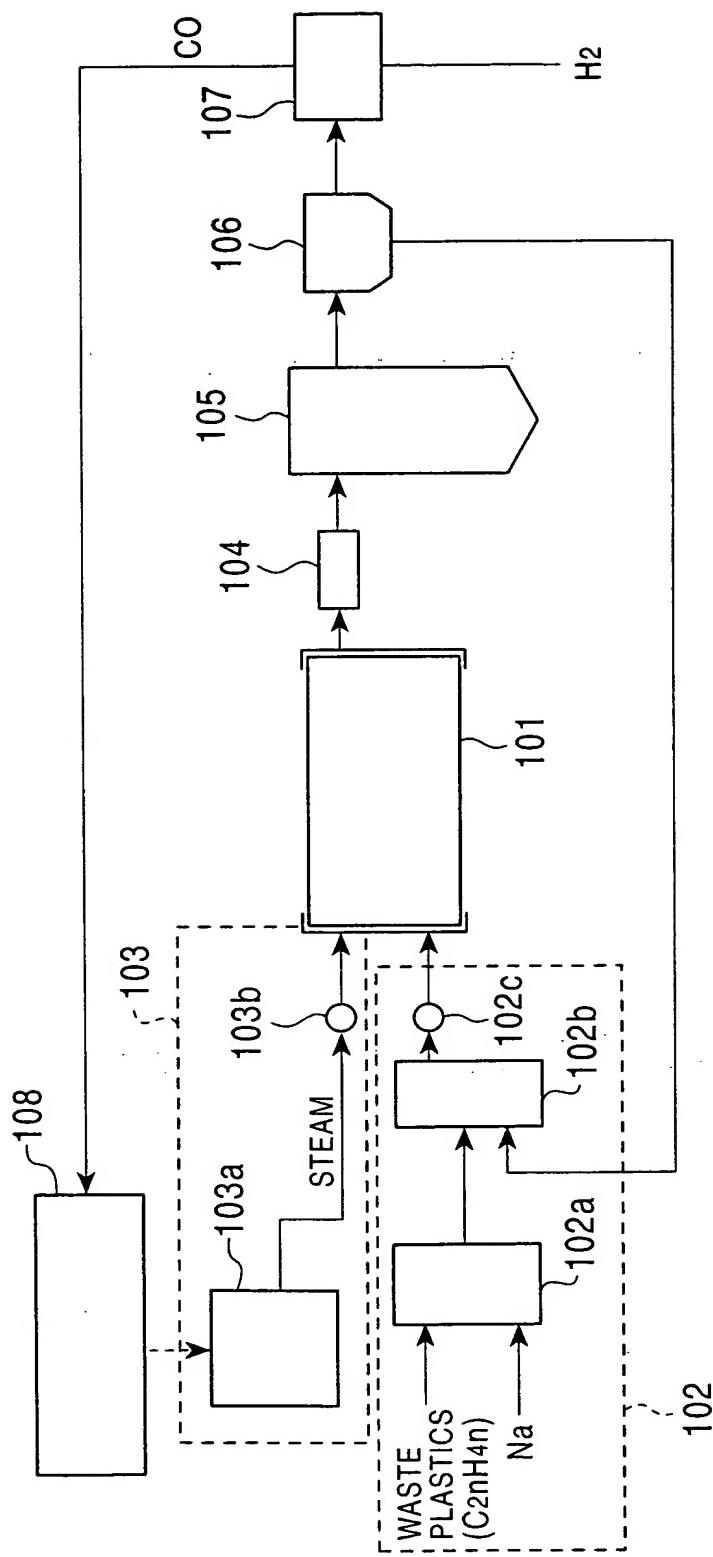


FIG. 7



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FIG. 8A

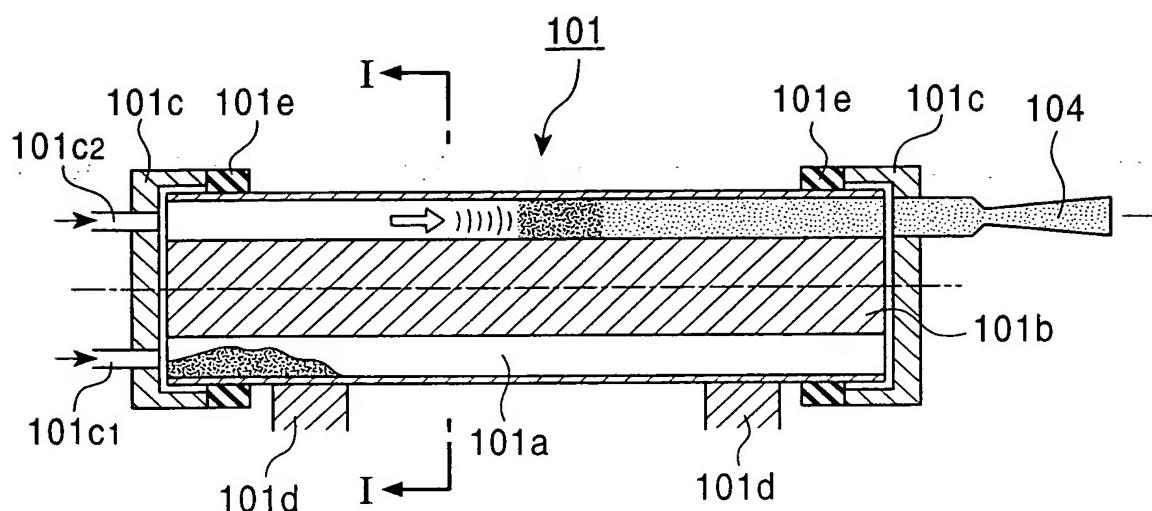
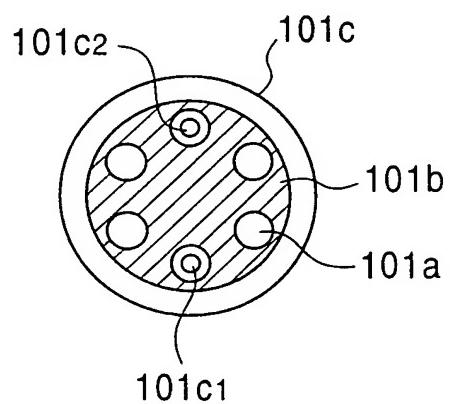


FIG. 8B



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FIG. 9

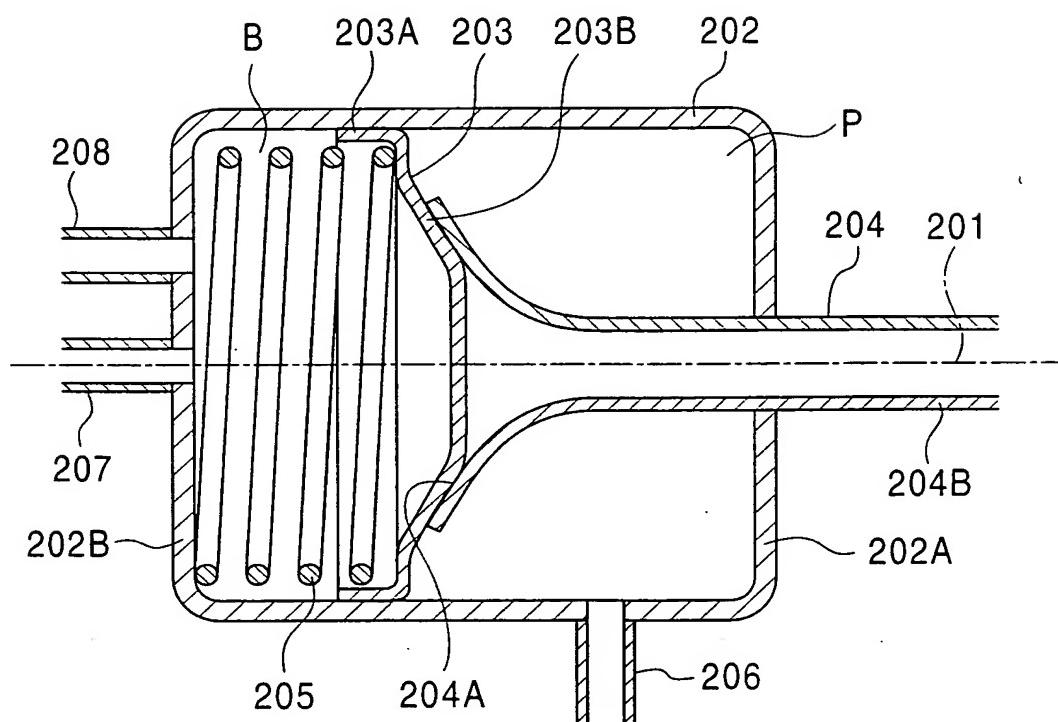
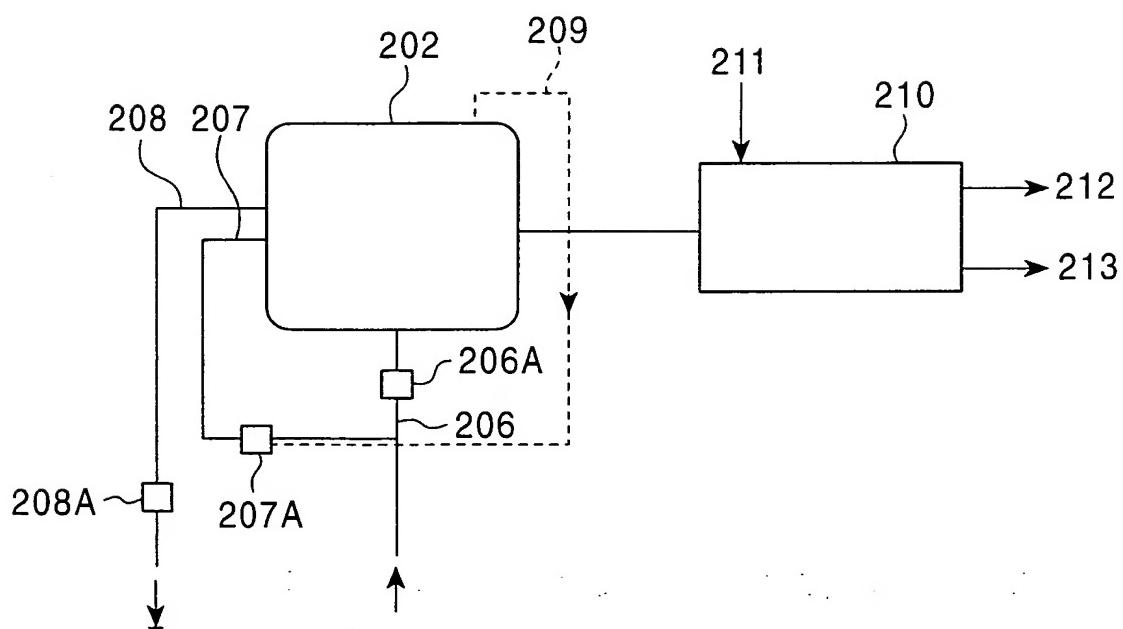


FIG. 10



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FIG. 11

(1) SUPPLY RAW MATERIAL
(WASTE PLASTIC POWDER)



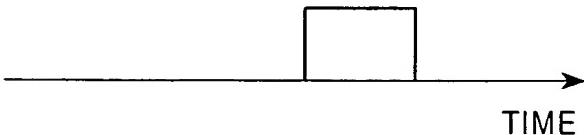
(2) OPEN BACK PRESSURE
CHAMBER,
GENERATE SHOCK WAVE



(3) DISCHARGE
H₂-CONTAINING GAS



(4) DISCHARGE STEAM



TIME

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FIG. 12A

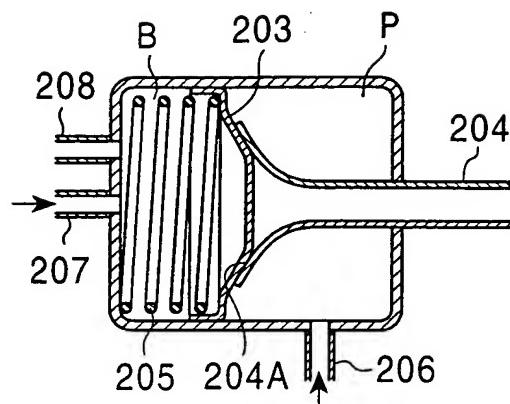


FIG. 12B

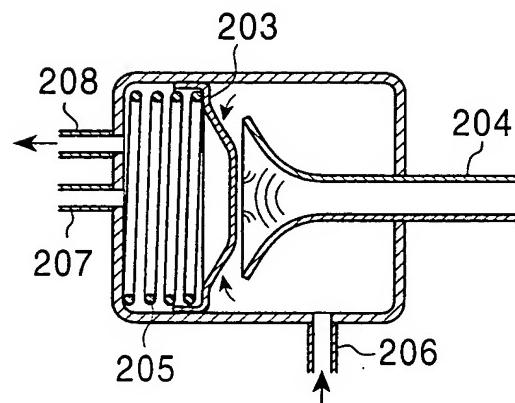


FIG. 12C

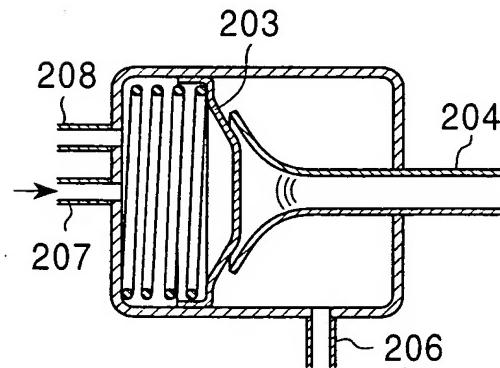


FIG. 12D

